

Attorney's Docket: 2003DE117
Serial No.: 10/533,475
Group: 1713

Amendments to the Claims

1. (Currently Amended) A hotmelt adhesive comprising between 0.1 and 100% by weight of at least one polyolefin wax prepared using a metallocene catalyst and having a dropping point or ring & ball softening point of between 80 and 165°C and a melt viscosity, measured at a temperature 10°C above the dropping or softening point, of not more than 40 000 mPa.s., wherein the at least one polyolefin wax is not polar modified.

2. (Previously Presented) A hotmelt adhesive as claimed in claim 1 wherein the at least one polyolefin wax has a dropping point or ring & ball softening point of between 90 and 160°C and a melt viscosity, measured at a temperature 10°C above the dropping or softening point, of not more than 30 000 mPa.s.

3. (Previously Presented) A hotmelt adhesive as claimed in claim 1, wherein the at least one polyolefin wax has a weight-average molar mass M_w between 1000 and 30 000 g/mol and a number-average molar mass M_n of between 500 and 20 000 g/mol.

4. (Previously Presented) A hotmelt adhesive as claimed in claim 1, wherein the at least one polyolefin wax is a copolymer wax of propylene and at least one of from 0.1 to 30% by weight of ethylene and from 0.1 to 50% by weight of at least one branched or unbranched 1-alkene having 4 to 20 carbon atoms, and having a melt viscosity, measured at a temperature 10°C above the dropping or softening point, of between 100 and 30 000 mPa.s.

5. (Previously Presented) A hotmelt adhesive as claimed in claim 1, wherein the at least one polyolefin wax is a propylene homopolymer wax having a melt viscosity, measured at a temperature 10°C above the dropping or softening point, of between 100 and 30 000 mPa.s.

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6. (Previously Presented) A hotmelt adhesive as claimed in claim 1, wherein the at least one polyolefin wax is an ethylene homopolymer wax.
7. (Previously Presented) A hotmelt adhesive as claimed in one claim 1, wherein the at least one polyolefin wax is a copolymer wax of ethylene and from 0.1 to 30% by weight of at least one branched or unbranched 1-alkene having 3 to 20 carbon atoms.
8. (Cancelled)
9. (Previously Presented) A hotmelt adhesive as claimed in claim 1, further comprising at least one of a filler or auxiliary.
10. (Currently Amended) A hotmelt adhesive containing between 0.1 and 100% by weight of polyolefin waxes prepared using metallocene catalysts and having a dropping point or ring & ball softening point of between 80 and 165°C and a melt viscosity, measured at a temperature 10°C above the dropping or softening point, of not more than 40 000 mPa.s., wherein the polyolefin waxes are not polar modified.
11. (Currently Amended) A hotmelt adhesive comprising between 0.1 and 100% by weight of a polyolefin wax prepared using ~~a metallocene catalyst~~ catalysts and having a dropping point or ring & ball softening point of between 80 and 165°C and a melt viscosity, measured at a temperature 10°C above the dropping or softening point, of not more than 40 000 mPa.s., wherein the polyolefin wax is not polar modified.
12. (Previously Presented) Two or more substrates bonded by a hotmelt adhesive according to claim 1.

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13. (Previously Presented) The two or more substrates as claimed in claim 12, wherein the substrates are selected from the group consisting of wood, paper, plastics, composites, and cellulosic materials.